2004 58824 W REVISION DATE: 11 MAR 2003
ARMY MCA (AS OF 07/24/2003 AT 08:45:57) 16 MAY 2002
LAF=1.00 UM=M

Fort Example
CONUS Automated Sniper Field Fire Range

178 12 58824 2,650

1.0000 /US$

PRIMARY FACILITY				2,462
Stationary Infantry Tgt. Emplmts	EA	40	3,732	(149)
Moving Infantry Tgt. Emplmts	EA	8	6,925	(55)
Walk-in Foxhole	EA	4	3,495	(14)
Power Center Emplacement	EA	2	2,637	(5)
Service Roads	LS	--	--	(135)
Total from Continuation page(s)				(2,104)
SUPPORTING FACILITIES				177
Electric Service	LS	--	--	(177)

ESTIMATED CONTRACT COST	2,639
CONTINGENCY PERCENT (0.00%)	
SUBTOTAL	2,639
SUPERVISION, INSPECTION & OVERHEAD (0.00%)	
TOTAL REQUEST	2,639
TOTAL REQUEST (ROUNDED)	2,650
INSTALLED EQT-OTHER APPROPRIATIONS	(0)

Construct a standard Automated Sniper Field Fire Range. Primary Facilities are located within the perimeter of the range complex and include Stationary infantry Targets (SIT), Moving Infantry Targets (MIT), Firing Positions, Small Range Operations Center, General Instruction Building, Ammo Breakdown Building, Operations/Storage Building, Latrine, Bleacher Enclosure, Covered Mess, site improvements and associated range power and data transfer cabling. Supporting facilities include electric service, utilities, and information systems. Approximately ___ square feet of facilities will be demolished. Unexploded ordnance contamination is expected on the project site. Surface clearance will be performed prior to construction start; subsurface clearance will be performed during construction using funding other than MILCON. Heating and air conditioning (__ tons) will be provided by self-contained units. Anti-terrorism/force protection measures include ___.funded by other appropriations (OPA).

Fort Example
CONUS

Automated Sniper Field Fire Range 58824

9. COST ESTIMATES (CONTINUED)

Item	U/M	Qty	Unit Cost	Cost ($000)
PRIMARY FACILITY (CONTINUED)				2,104
Grading & Drainage	LS	--	--	(281)
Clearing & Grubbing	LS	--	--	(98)
Ordnance Removal	LS	--	--	(250)
Environmental Mitigation	LS	--	--	(167)
Demolition	LS	--	--	(3)
Lane Markers	EA	4	239.25	(1)
Limit Markers	EA	2	929.00	(2)
Security Barrier	LS	--	--	(3)
Range Operations & Control Area	LS	--	--	(83)
Downrange Electrical	LS	--	--	(680)
Control Tower	m2	23.04	7,955	(183)
Operations/Storage Building	m2	74.32	992.98	(74)
General Instruction Building	m2	74.32	997.39	(74)
Latrine, Dual Sex, Aerated Vault	m2	18.02	2,887	(52)
Bleacher Enclosure	m2	54.44	1,258	(68)
Covered Mess	m2	72	763.59	(55)
Ammo Breakdown Building	m2	10.78	2,754	(30)

---

11. REQ: NONE ADQT: NONE SUBSTD: NONE

PROJECT:
Construct a standard Automated Sniper Field Fire Range. ([New] [Current] mission)

REQUIREMENT:
This information is prepared to address the question "Why is the project needed now?" A continuing need for the project should also be indicated. Include a sentence stating the average daily loads/training throughput. Any alternatives to project construction should be identified along with the corresponding rational for rejection. In cases where the project is required to support unit activations, stationing actions or equipment modernization, clearly indicate what type of unit or what type of equipment has generated the programming action. List the units generically, not specifically. Also, provide a statement indicating if the project has been validated by the Range Development Plan.

CURRENT SITUATION:
This information is required to answer the questions "How is the need currently being met" and "How does the unit currently operate?" Avoid

Fort Example
CONUS

Automated Sniper Field Fire Range 58824

CURRENT SITUATION: (CONTINUED)
emotional appeals. Be factual. Do not state that mission is not being met, instead describe the deficiencies in meeting mission. Include all factors considered in determining that the current facilities are not suitable for continued use.

IMPACT IF NOT PROVIDED:
Information contained in this subsection will describe the results if the project is not approved and constructed. Indicate, where applicable, any adverse impacts on overall mission accomplishment, safety, etc. Do not just repeat the Current Situation. This paragraph defines the forecasted adverse impact on the continuing operation or mission. Begin this subsection with, "If this project is not provided..."

ADDITIONAL:
Information in this subsection is easily entered by using the "Standard Statement Assistance" in the PAX processor. The statement choices for a typical range project follow:> Physical Security ñ 1st choice AT/FP ñ 1st choice Econ Analysis ñ 2nd choice Joint Use Certification ñ 2nd choice Sustainable Principles ñ yes This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

ESTIMATED CONSTRUCTION START:	APR 2004	INDEX: 2221
ESTIMATED MIDPOINT OF CONSTRUCTION:	JAN 2005	INDEX: 2249
ESTIMATED CONSTRUCTION COMPLETION:	OCT 2005	INDEX: 2279

Fort Example
CONUS

Automated Sniper Field Fire Range 58824

			U/M	Qty	Unit Cost	Cost ($000)
PRIMARY FACILITY.						
GENERAL.						
1.0)	17710	Stationary Infantry Tgt. Emplmt	EA	40	3,732	(149)
1)		Electrical	EA	40	3,035	121
2)		Architectural / Structural	EA	40	696.95	28
2.0)	17710	Moving Infantry Tgt. Emplmts	EA	8	6,925	(55)
1)		Electrical	EA	8	2,649	21
2)		Architectural / Structural	EA	8	4,276	34
3.0)	17710	Walk-in Foxhole	EA	4	3,495	(14)
1)		Precast w/ Cover & French Drain	EA	4	3,494	14
4.0)	17710	Power Center Emplacement	EA	2	2,637	(5)
1)		Architectural / Structural	EA	2	2,637	5
5.0)	17710	Service Roads	LS	--	--	(135)
1)		Targets Service Roads	LS	--	--	135
6.0)	17710	Grading & Drainage	LS	--	--	(281)
1)		Grading, Drainage & Erosion Pro	LS	--	--	281
7.0)	17710	Clearing & Grubbing	LS	--	--	(98)
1)		Clear Trees & Grub Stumps	LS	--	--	98
8.0)	17710	Ordnance Removal	LS	--	--	(250)
1)		Subsurface Removal	LS	--	--	250
9.0)	17710	Environmental Mitigation	LS	--	--	(167)
1)		Site Restoration	LS	--	--	167
10.0)	17710	Demolition	LS	--	--	(3)
1)		Demolition of Existing Structur	LS	--	--	3
11.0)	17710	Lane Markers	EA	4	239.25	(1)
1)		Lane Marker, one per lane	EA	4	239.37	1
12.0)	17710	Limit Markers	EA	2	929.00	(2)
1)		Wooden Construction	EA	2	929.16	2
13.0)	17710	Security Barrier	LS	--	--	(3)
1)		Steel Pipe Swing Barrier	LS	--	--	3
14.0)	17710	Range Operations & Control Area	LS	--	--	(83)
1)		Fill Under Buildings	LS	--	--	6
2)		Access Road Upgrade	LS	--	--	26
3)		Fencing	LS	--	--	3
4)		Sidewalks	LS	--	--	1
5)		Parking	LS	--	--	12
6)		Grading and Drainage	LS	--	--	30
7)		Range Flag Pole	EA	1	6,303	6
15.0)	17710	Downrange Electrical	LS	--	--	(680)
1)		Telephone	LS	--	--	9
2)		Power Center ROC	LS	--	--	20

Fort Example
CONUS

Automated Sniper Field Fire Range 58824

			U/M	Qty	Unit Cost	Cost ($000)
3)		Power Center 1	LS	--	--	16
4)		Miss. PC- Small Arms Standard	LS	--	--	13
5)		Power Center 2	LS	--	--	12
6)		Concrete Encasement	LS	--	--	9
7)		Secondary Utilities	LS	--	--	306
8)		Floodlighting	LS	--	--	7
9)		Strobe Lamp on Pole	LS	--	--	3
10)		Testing	LS	--	--	10
11)		Limit Marker Lighting	LS	--	--	5
12)		Fiber Optics	LS	--	--	170
13)		Floodlight Pole Detail (PA Sys)	LS	--	--	21
14)		Primary Utilities	LS	--	--	42
15)		Primary Trenching	LS	--	--	36
16.0)	17710	Control Tower	m2	23.04	7,955	(183)
1)		ARCHITECTURAL/STRUCTURAL	m2	23.04	6,004	138
2)		MECHANICAL	m2	23.04	207.42	5
3)		ELECTRICAL	m2	23.04	1,744	40
17.0)	17710	Operations/Storage Building	m2	74.32	992.98	(74)
1)		ARCHITECTURAL/STRUCTURAL	m2	74.32	692.02	51
2)		MECHANICAL	m2	74.32	89.23	7
3)		ELECTRICAL	m2	74.32	211.72	16
18.0)	17710	General Instruction Building	m2	74.32	997.39	(74)
1)		ARCHITECTURAL/STRUCTURAL	m2	74.32	636.69	47
2)		MECHANICAL	m2	74.32	142.62	11
3)		ELECTRICAL	m2	74.32	218.07	16
19.0)	17710	Latrine, Dual Sex, Aerated Vaul	m2	18.02	2,887	(52)
1)		ARCHITECTURAL/STRUCTURAL	m2	18.02	1,576	28
2)		MECHANICAL	m2	18.02	906.66	16
3)		ELECTRICAL	m2	18.02	404.53	7
20.0)	17710	Bleacher Enclosure	m2	54.44	1,258	(68)
1)		ARCHITECTURAL/STRUCTURAL	m2	54.44	1,014	55
2)		ELECTRICAL	m2	54.44	244.34	13
21.0)	17710	Covered Mess	m2	72	763.59	(55)
1)		ARCHITECTURAL/STRUCTURAL	m2	70.61	615.38	43
2)		ELECTRICAL	m2	70.61	163.28	12
22.0)	17710	Ammo Breakdown Building	m2	10.78	2,754	(30)
1)		ARCHITECTURAL/STRUCTURAL	m2	16.70	1,147	19
2)		ELECTRICAL	m2	16.70	630.24	11
SUPPORTING FACILITIES.						
Electric Service			LS	--	--	(177)
1)		Overhead/Underground Primary	LS	--	--	141

Fort Example
CONUS

Automated Sniper Field Fire Range 58824

		U/M	Qty	Unit Cost	Cost ($000)
2)	Communications	LS	--	--	37